



2121  
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**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

Applicant: **Shuo-Yen Robert Li**

Case: **23**

Serial No. **09/882,112**

Filed: **June 15, 2001**

Group Art Unit: **2121**

Examiner:

**Title of Invention: MULTISTAGE INTERCONNECTION NETWORKS OF  
MULTICAST CONCENTRATORS WITH SELF-ROUTING  
CONTROL MECHANISM**

**RECEIVED**

**MAY 3 1 2002**

**Technology Center 2100**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231**

**SIR:**

Enclosed is a Second Preliminary Amendment in the above-identified application.

No additional fee is required based on the calculation below for a **small entity**:

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	14	20	0	\$ 9.00	\$ 0.00
Indep. Claims	5	5	0	\$42.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0	\$0
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**Total: \$ 0.00**

Also enclosed herewith for filing in connection with the enclosed application are:

**XX** Return Postcard

Respectfully submitted,

John T. Peoples (Reg. No. 28,250)  
14 Blue Jay Ct.  
Warren, NJ 07059  
(908) 580-9816

Date: 5-13-02

(908) 580-9816

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on  
5-13-02 with the United States Postal Service with sufficient  
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5-13-02  
Date of Certificate

John T. Peoples  
John T. Peoples



**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

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CONTROL MECHANISM

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**WASHINGTON, D.C. 20231**

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MAY 31 2002

**SIR:**

**SECOND PRELIMINARY AMENDMENT**

Technology Center 2100

Enclosed is a second Preliminary Amendment in the above-identified application. Please amend the application as follows.

**In the Specification:**

Page 175, replace line 9 as follows: --from the tag, by a simple dedicated 1x1 switching circuitry which is appended to every--.

Page 177, replace line 13 as follows: --10 ('0-bound') < 00 ('idle') < 11 ('1-bound')--.

Page 179, replace line 18 as follows: --of a bit-permuting network. The routing tag for the particular  $2^n \times 2^n$  networks studied in the prior--.

Page 180, replace line 1 as follows: --art is the destination address  $d_1 d_2 \dots d_n$  of a packet plus possibly an activity bit up front. By--.